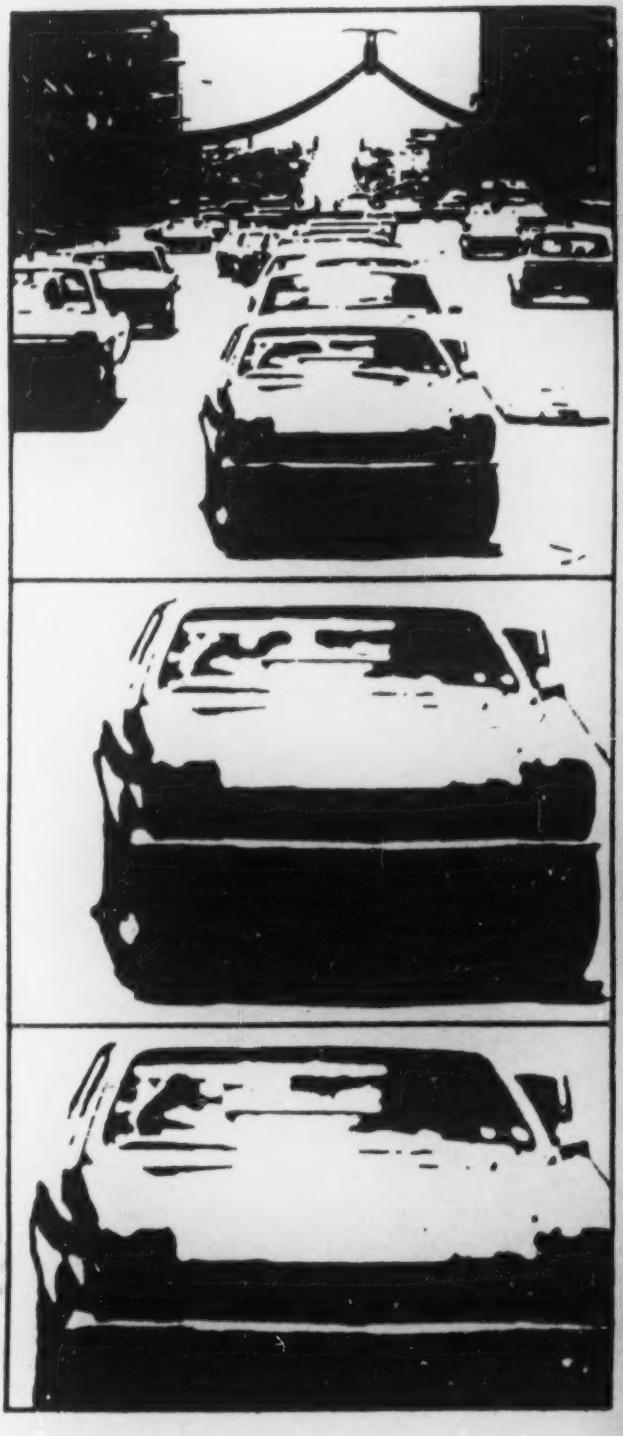
S7890-2-U

UTAH TRAFFIC ACCIDENT SUMMARY

1988

May 1989



UTAH DEPARTMENT OF PUBLIC SAFETY

D. Douglas Bodrero

Commissioner

HIGHWAY SAFETY OFFICE

4501 South 2700 West
Salt Lake City, Utah 84119

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INTRODUCTION

During 1988 there were 258 fatal crashes where 297 people lost their lives on Utah roads. This is slightly lower than the five-year average of 302.

Alcohol-related traffic deaths increased with 105 fatalities compared to 82 in 1987, 104 in 1986, and 110 in 1985. Only 35 percent of Utah's highway deaths were identified with alcohol involvement, which compares to the national average of 45 to 50 percent. Young drivers will be targeted in a campaign against drinking and driving. Special incentive funds under U.S. Code Section 408 for curbing drinking and driving have been used for the last five years. Additional funds for enforcement of DUI laws will be sought for another year.

In 1987 there were 43 pedestrians killed. Those killed between the ages of 0 and 13 accounted for 11 deaths or 25 percent of the total. There were 8 over age 60 who lost their lives as pedestrians or 19 percent. Additional efforts will be made in the future to promote safe walking.

Deaths at railroad grade crossings were prevalent in 1988 with 7 people killed. Operation Lifesaver is a continuing campaign to promote grade crossing safety.

DATA SOURCE

The data used in this analysis was taken from accident reports collected by the Utah Highway Safety Office and the Department of Transportation. These records include the State Accident Report and a Supplemental Fatal Accident Report. Information is also collected from newspapers, death certificates and obituaries. Data from Utah fatal accidents are entered on the National Fatal Accident Reporting System maintained in Washington, D.C., through an IBM on-line terminal.

UTAH ACCIDENTS

1948 - 1988

Year	Total Accidents	Fatal-ities	Injur-ies	Number of Accidents Fatal	Number of Accidents Injury	Mil. Veh. Miles	Death Rate Per 100 Mil. Veh. Miles	Fatal Acc. Rate Per 100 Mil. Veh. Miles	Injury Rate Per 100 Mil. Veh. Miles	Total Acc. Rate Per 100 Mil. Veh. Miles
1948	9,961	220	3,982	169	2,675	2,351	9.36	7.19	169	424
1949	11,092	174	3,808	151	2,614	2,475	7.03	6.10	154	448
1950	12,705	188	4,459	169	3,004	2,839	6.62	5.95	157	448
1951	16,475	207	5,132	174	3,495	3,015	6.87	5.77	170	546
1952	17,710	246	5,140	184	3,474	3,050	8.07	6.03	169	581
1953	16,373	209	4,945	185	3,305	3,232	6.47	5.72	153	507
1954	15,103	209	4,495	176	3,016	3,336	6.27	5.28	135	453
1955	18,060	203	5,036	166	3,390	3,075	6.60	5.40	164	587
1956	17,531	215	4,812	176	3,310	3,310	6.50	5.32	145	530
1957	19,054	222	5,022	181	3,397	3,366	6.60	5.38	149	566
1958	22,220	193	5,658	171	3,762	3,531	5.47	4.84	160	629
1959	23,506	205	5,992	171	3,946	3,784	5.42	4.52	158	621
1960	26,478	256	9,128	200	5,576	3,852	6.65	5.20	237	687
1961	25,732	236	10,412	197	6,257	3,997	5.90	4.93	261	644
1962	26,613	233	11,133	186	6,968	4,240	5.50	4.34	263	628
1963	27,340	263	12,603	198	7,798	4,549	5.78	4.35	277	601
1964	29,452	295	14,096	246	8,636	4,790	6.17	5.14	294	615
1965	29,525	281	14,361	242	8,856	4,997	5.62	4.84	287	691
1966	29,957	331	14,994	265	9,076	5,079	6.52	5.22	295	590
1967	30,992	275	14,401	231	8,888	5,257	5.24	4.39	274	590
1968	34,532	289	15,539	258	9,550	5,539	5.22	4.66	281	623
1969	34,766	308	15,977	251	9,850	5,802	5.31	4.33	275	599
1970	35,166	335	17,076	276	10,722	6,108	5.49	4.52	280	576
1971	39,108	337	18,073	280	11,399	6,544	5.15	4.28	276	598
1972	39,856	382	18,261	312	11,630	6,969	5.48	4.48	262	572
1973	38,234	361	18,415	304	11,710	7,274	4.96	4.18	253	526
1974	31,401	228	16,268	204	10,560	7,457	3.06	2.74	218	421
1975	36,426	274	17,762	245	11,441	7,942	3.45	3.09	224	458
1976	34,345	254	18,315	225	11,685	8,420	3.02	2.67	218	408
1977	38,524	360	19,728	310	12,652	9,054	3.98	3.42	218	426
1978	42,684	376	21,029	315	13,423	9,826	3.83	3.21	214	434
1979	40,468	328	20,798	287	13,449	9,811	3.34	2.93	212	412
1980	33,582	335	17,828	292	11,701	10,645	3.15	2.74	167	315
1981	35,989	364	18,090	321	11,824	10,733	3.39	2.99	169	335
1982	38,192	296	17,538	263	11,504	10,947	2.70	2.40	160	348
1983	40,989	283	18,910	253	12,317	11,228	2.52	2.25	168	365
1984	47,489	315	20,487	274	13,477	11,642	2.71	2.35	176	408
1985	47,871	303	21,346	270	13,917	12,035	2.52	2.24	177	398
1986	46,690	312	21,350	276	13,988	12,253	2.55	2.25	174	381
1987	47,256	297	19,237	271	13,599	12,679	2.34	2.14	152	373
1988	49,249	297	19,066	258	13,377	12,900*	2.30*	2.00*	147*	382*

*Estimated

CUMULATIVE NUMBER OF FATAL ACCIDENTS
Number Killed

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	DEATHS PER 100 MILLION VEHICLE MILES TRAVELED
1979	25 26	38 40	61 65	88 95	111 121	137 148	168 181	196 213	227 256	243 275	266 305	287 328	3.34
1980	18 20	31 34	53 59	79 90	103 117	132 147	159 182	185 211	214 242	242 275	267 309	292 335	3.15
1981	23 25	42 46	64 69	88 99	109 125	140 161	182 206	218 245	241 269	269 303	295 331	321 364	3.39
1982	13 15	29 33	55 61	72 80	96 108	119 134	152 173	186 211	216 246	231 261	248 278	263 296	2.70
1983	22 23	38 39	58 63	73 82	91 101	118 131	146 161	174 193	200 220	221 243	242 267	253 283	2.52
1984	11 11	21 22	36 39	63 69	89 100	119 134	145 167	183 209	215 244	237 269	255 292	274 315	2.71
1985	19 19	36 39	52 57	78 88	114 125	136 150	155 170	186 209	204 228	219 245	251 280	270 303	2.52
1986	11 11	22 22	39 44	56 64	81 97	114 136	142 166	172 200	200 232	229 261	255 289	277 313	2.55
1987	11 13	32 35	55 60	73 80	95 106	117 128	150 163	168 183	201 221	236 261	254 279	271 297	2.34
1988	11 12	19 20	35 37	60 64	87 99	115 136	155 185	184 215	207 241	230 263	246 281	258 297	2.30*
Cumulative difference in deaths between current year and previous year:	- 1	-15	-23	-16	- 7	+ 8	+22	+32	+20	+ 2	+ 2	0	

Compiled by: Utah Highway Safety Office -- Telephone: 965-4401
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*Estimated

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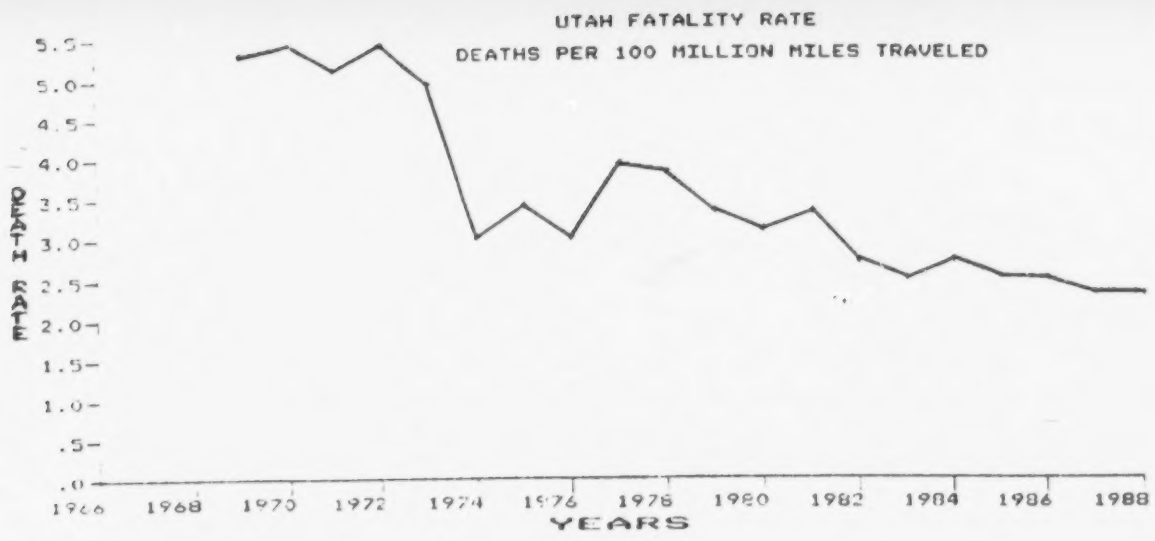
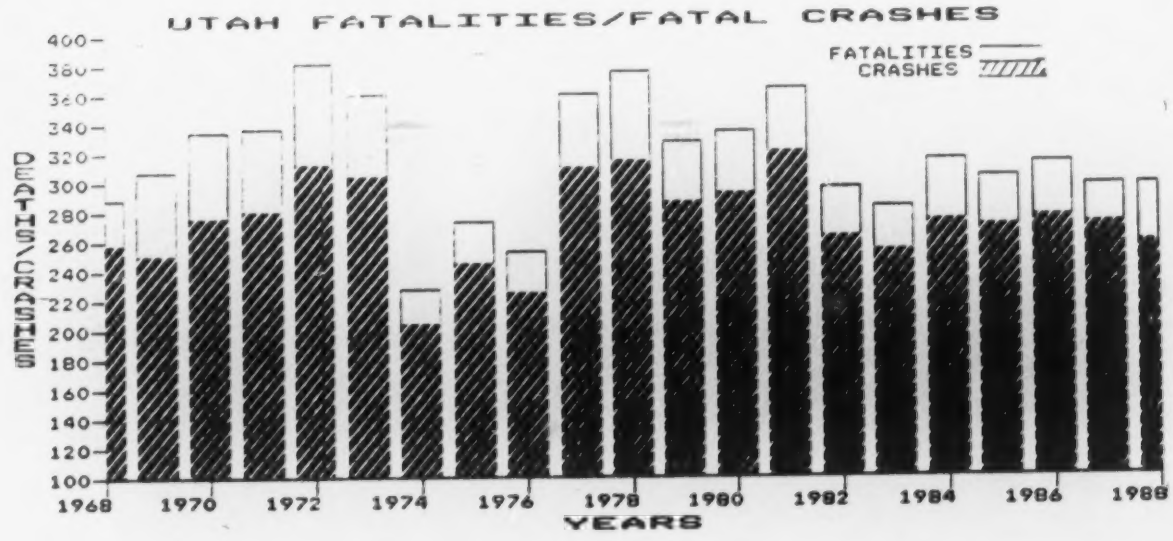
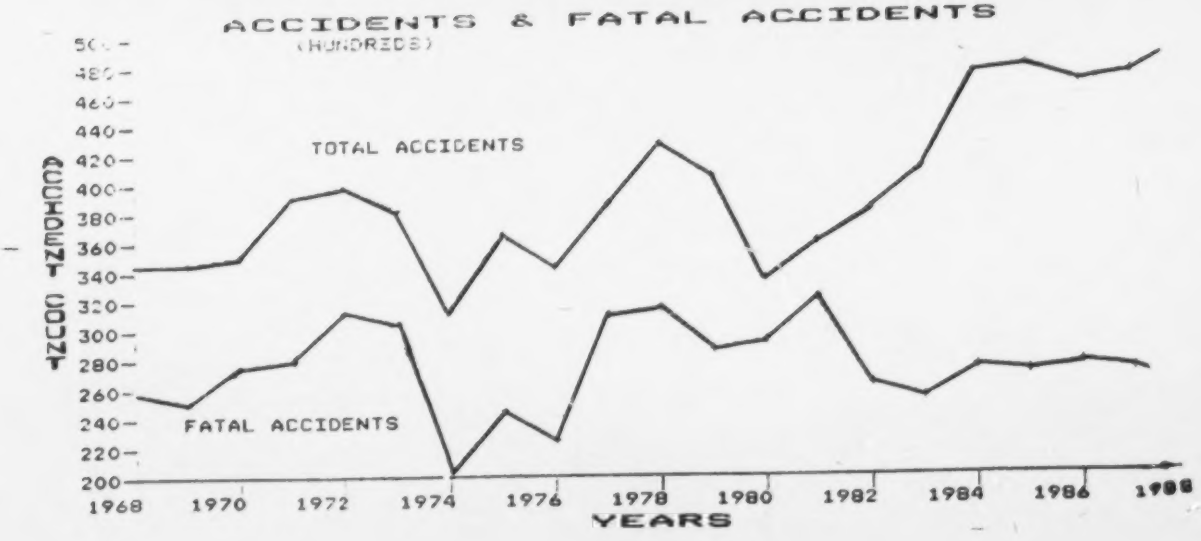
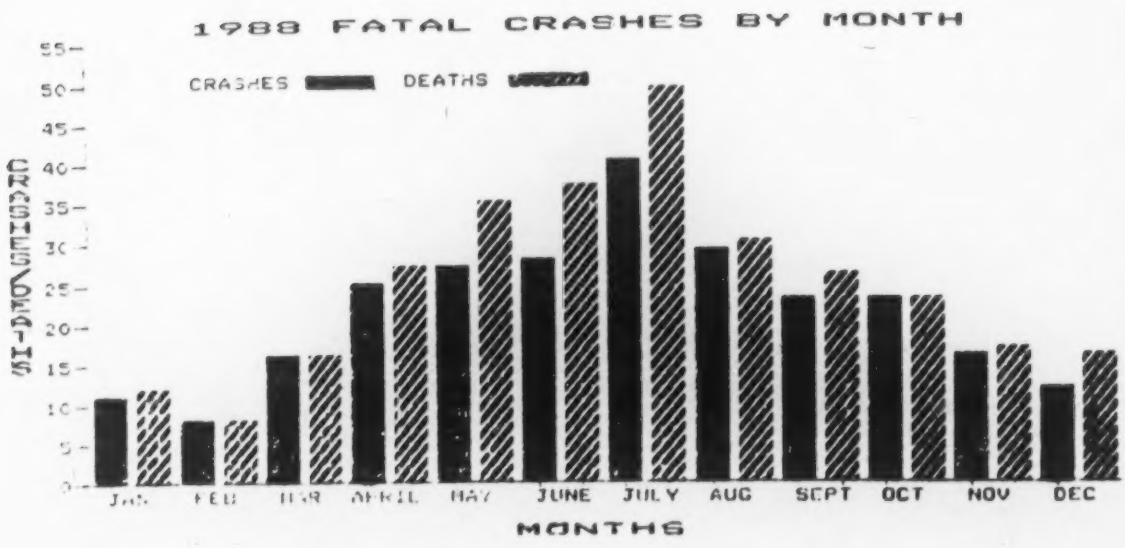
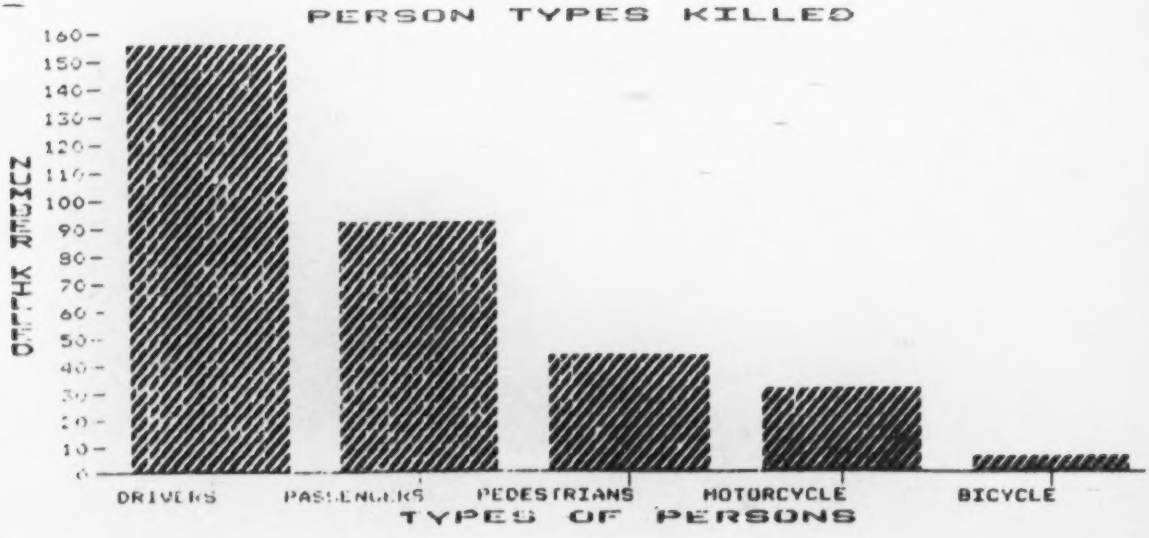

UTAH FATALITY RATE
DEATHS PER 100 MILLION MILES TRAVELED
DEATH RATE
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
.5
.0
1966
1968
1970
1972
1974
1976
1978
1980
1982
1984
1986
1988
YEARS


UTAH FATALITIES/FATAL CRASHES
FATALITIES
CRASHES
DEATHS\CRASHES
400
380
360
340
320
300
280
260
240
220
200
180
160
140
120
100
1968
1970
1972
1974
1976
1978
1980
1982
1984
1986
1988
YEARS


ACCIDENTS & FATAL ACCIDENTS
(HUNDREDS)
TOTAL ACCIDENTS
FATAL ACCIDENTS
ACCIDENT COUNT
480
460
440
420
400
380
360
340
320
300
280
260
240
220
200
1968
1970
1972
1974
1976
1978
1980
1982
1984
1986
1988
YEARS


1988 FATAL CRASHES BY MONTH
CRASHES
DEATHS
NUMBER OF INCIDENTS
55
50
45
40
35
30
25
20
15
10
5
0
JAN
FEB
MAR
APRIL
MAY
JUNE
JULY
AUG
SEPT
OCT
NOV
DEC
MONTHS


PERSON TYPES KILLED
NUMBER OF PERSONS
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
DRIVERS
PASSENGERS
PEDESTRIANS
MOTORCYCLE
BICYCLE
TYPES OF PERSONS

FATAL CRASHES BY COUNTY

	1987				1988			
	ACC	%	FATALS	%	ACC	%	FATALS	%
BEAVER	2	0.7	2	0.7	4	1.6	6	2.0
BOX ELDER	13	4.8	18	6.1	12	4.6	18	6.1
CACHE	12	4.4	12	4.0	8	3.1	8	2.7
CARBON	1	0.4	1	0.3	3	1.2	3	1.0
DAGGETT	0	0.0	0	0.0	1	0.4	1	0.3
DAVIS	12	4.4	14	4.7	12	4.6	14	4.7
DUCHESNE	7	2.6	8	2.7	5	1.9	6	2.0
EMERY	3	1.1	3	1.1	8	3.1	10	3.4
GARFIELD	1	0.4	1	0.3	1	0.4	1	0.3
GRAND	9	0.3	12	4.0	7	2.7	8	2.7
IRON	5	1.8	5	1.7	7	2.7	8	2.7
JUAB	4	1.5	7	2.4	4	1.6	4	1.3
KANE	5	1.8	5	1.7	6	2.3	6	2.0
MILLARD	6	2.2	7	2.4	1	0.4	2	0.7
MORGAN	0	0.0	0	0.0	1	0.4	2	0.7
PIUTE	0	0.0	0	0.0	0	0.0	0	0.0
RICH	0	0.0	0	0.0	1	0.4	1	0.3
SALT LAKE	92	34.0	96	32.3	74	28.7	77	26.0
SAN JUAN	3	1.1	3	1.0	4	1.6	6	2.0
SANPETE	6	2.2	6	2.0	5	1.9	7	2.4
SEVIER	3	1.1	3	1.0	2	0.8	2	0.7
SUMMIT	6	2.2	6	2.0	6	2.3	6	2.0
TOOELE	11	4.1	11	3.7	11	4.2	14	4.7
UINTAH	4	1.5	4	1.3	3	1.2	3	1.0
UTAH	31	11.4	34	11.4	28	10.9	36	12.1
WASATCH	4	1.5	4	1.3	5	1.9	7	2.4
WASHINGTON	6	2.2	7	2.4	11	4.2	11	3.7
WAYNE	0	0.0	0	0.0	3	1.2	3	1.0
WEBER	25	9.2	28	9.4	25	9.7	27	9.1
TOTAL	271		297		258		297	

IN 1988 49% OF ALL FATAL CRASHES OCCURRED IN SALT LAKE, UTAH AND WEBER COUNTIES.

1988 TOTAL ACCIDENTS
BY COUNTY

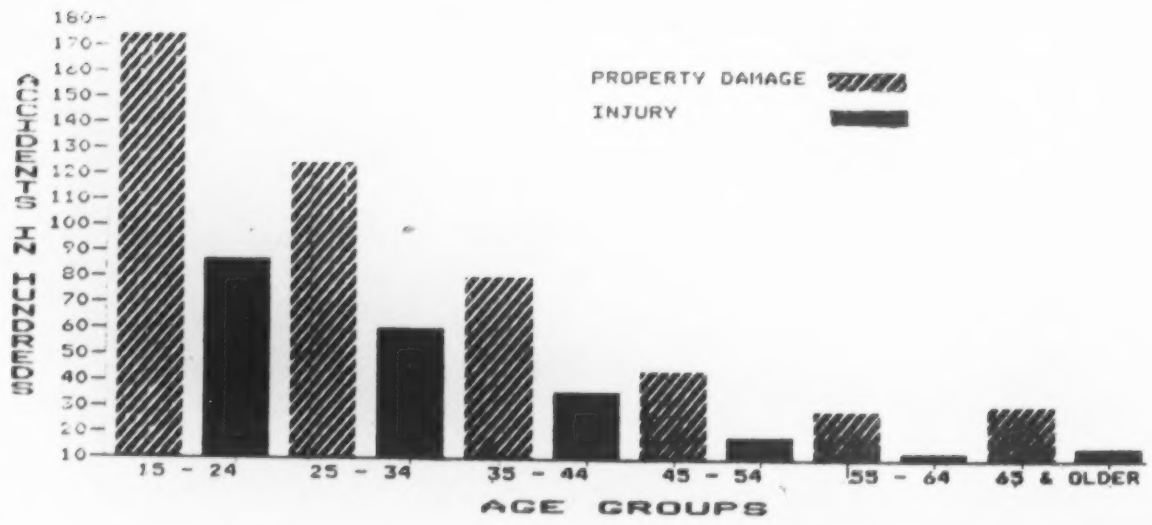
COUNTY	1986 EST. POPULATION	TOTAL ACCIDENTS	TOTAL ACC. RATE PER 1000 POP.	INJURY & FATAL ACC. TOTAL	INJURY & FATAL RATE PER. 1000 POP.	SEVERITY RATIO OF INJURY & FATAL ACC TO TOTAL
1.SALT LAKE	697,367	23,228 (1)	33.31(11)	6,736 (1)	9.66 (9)	.29 (5)
2.UTAH	240,590	6,165 (2)	25.62(20)	1,591 (2)	6.61(20)	.26(14)
3.DAVIS	169,298	4,056 (4)	23.96(22)	691 (4)	4.08(29)	.17(29)
4.WEBER	158,623	4,561 (3)	28.75(17)	1,336 (3)	8.42(14)	.29 (6)
5.CACHE	64,776	1,833 (5)	28.29 (5)	448 (5)	6.92(17)	.24(20)
6.BOX ELDER	36,873	1,204 (6)	32.65(12)	282 (7)	7.65(16)	.23(22)
7.WASHINGTON	33,053	1,048 (7)	31.71(14)	293 (6)	8.86(12)	.28 (8)
8.TOOELE	28,740	685 (9)	23.83(23)	184 (9)	6.40(21)	.27(11)
9.UINTAH	27,994	430(14)	15.36(29)	116(12)	4.14(28)	.27(12)
10.CARBON	25,347	475(13)	18.74(28)	133(11)	5.25(26)	.28 (9)
11.IRON	19,762	576(10)	29.15(16)	195 (8)	9.87 (7)	.34 (2)
12.SANPETE	16,808	316(17)	18.80(27)	81(19)	4.82(27)	.26(15)
13.DUCHESNE	15,544	395(15)	25.41(21)	98(15)	6.30(23)	.25(16)
14.SEVIER	14,727	509(12)	34.56(10)	93(16)	6.31(22)	.18(28)
15.EMERY	13,424	297(18)	22.12(25)	91(17)	6.78(19)	.31 (4)
16.MILLARD	12,816	391(16)	30.51(15)	99(14)	7.72(15)	.25(17)
17.SUMMIT	12,627	804 (8)	63.67 (2)	173(10)	13.70 (4)	.22(24)
18.SAN JUAN	12,158	249(20)	20.48(26)	72(20)	5.92(25)	.29 (7)
19.WASATCH	9,746	501(11)	52.33 (4)	104(13)	10.67 (6)	.20(26)
20.GRAND	8,018	182(23)	22.70(24)	71(21)	8.85(13)	.39 (1)
21.JUAB	6,131	269(19)	43.88 (6)	86(18)	14.03 (3)	.32 (3)
22.MORGAN	5,214	169(24)	32.41(13)	36(26)	6.90(18)	.21(25)
23.BEAVER	5,103	230(21)	45.07 (5)	47(23)	9.21(11)	.20(27)
24.KANE	4,418	193(22)	43.68 (7)	54(22)	12.22 (5)	.29(10)
25.GARFIELD	4,199	147(26)	35.01 (9)	40(24)	9.53(10)	.27(13)
26.RICH	2,535	157(25)	61.93 (3)	40(25)	15.78 (2)	.25(18)
27.WAYNE	2,096	54(29)	25.76(19)	13(29)	6.20(24)	.24(21)
28.PIUTE	1,448	56(28)	38.67 (8)	14(27)	9.67 (8)	.25(19)
29.DAGGETT	841	61(27)	72.53 (1)	14(28)	16.65 (1)	.23(23)
TOTAL	1650276	49241 29.8 AVG		13231 8.02 AVG.		.27 AVG.
HIGHEST COUNTIES		DAGGETT		DAGGETT		GRAND
		SUMMIT		RICH		IRON
		RICH		JUAB		JUAB
		WASATCH		SUMMIT		EMERY
		CACHE		KANE		SALT LAKE

1988 FATAL CRASHES BY CITY

CITY	TOTAL	%	CITY	TOTAL	%
BOTHWELL	1	0.4	OREM	3	1.2
BRIDGELAND	1	0.4	PAYSON	2	0.8
CEDAR CITY	1	0.4	PERRY	1	0.4
CENTERVILLE	1	0.4	PROVO	2	0.8
CLEARFIELD	2	0.8	RIVERDALE	3	1.2
DRAPER	3	1.2	ROY	2	0.8
FARMINGTON	1	0.4	ST.GEORGE	4	1.6
FRUIT HEIGHTS	2	0.8	SALT LAKE CITY	23	8.9
GRANTSVILLE	1	0.4	SANDY	4	1.6
HEBER	2	0.8	SANTA CLARA	1	0.4
HELPER	1	0.4	SMITHFIELD	1	0.4
HONEYVILLE	1	0.4	SOUTH OGDEN	3	1.2
HUNTSVILLE	1	0.4	SO SALT LAKE	1	0.4
LAYTON	1	0.4	SOUTH WEBER	1	0.4
LEHI	2	0.8	SPANISH FORK	3	1.2
LOGAN	1	0.4	STOCKTON	1	0.4
MEXICAN HAT	2	0.8	SUNSET	1	0.4
MIDVALE	1	C.4	TOOELE	1	0.4
MORONI	1	0.4	TREMONTON	3	1.2
MURRAY	11	4.2	VERNAL	1	0.4
NIBLEY	1	0.4	WEST VALLEY	11	4.2
NORTH LOGAN	1	0.4	WILLARD	1	0.4
NO SALT LAKE	1	0.4			
OGDEN	7	2.7			

1988 TOTAL ACCIDENTS
BY CITY

CITY	1986 EST. POPULATION	TOTAL ACCIDENTS	TOTAL ACC. RATE PER 1000 POP.	INJURY & FATAL ACC. TOTAL	INJURY & FATAL RATE PER 1000 POP.	SEVERITY RATIO OF INJURY & FATAL ACC TO TOTAL
1.SALT LAKE	158,440	7,253 (1)	45.78 (3)	2,560 (1)	16.16 (3)	.35 (2)
2.W VALLEY	90,770	1,078 (5)	11.88(22)	389 (4)	4.29(18)	.36 (1)
3.PROVO	77,480	1,624 (2)	20.97 (8)	498 (2)	6.43 (8)	.31 (9)
4.OGDEN	67,490	1,288 (3)	19.08(11)	379 (5)	5.62 (9)	.29(15)
5.SANDY	67,430	614 (9)	9.11(24)	175 (8)	2.60(24)	.29(16)
6.OREM	61,590	653 (8)	10.60(23)	172 (9)	2.79(22)	.26(25)
7.W JORDAN	44,440	529(10	11.90(21)	165(10)	3.71(21)	.31(10)
8.LAYTON	35,280	682 (7)	19.33 (9)	239 (6)	6.77 (7)	.35 (3)
9.BOUNTFUL	34,510	445(13)	12.89(20)	129(13)	3.74(20)	.29(17)
10.LOGAN	28,880	385(14)	13.33(19)	125(14)	4.33(17)	.32 (6)
11.MURRAY	23,730	1,233 (4)	51.96 (2)	422 (3)	17.78 (1)	.34 (4)
12.ROY	23,500	514(12)	21.87 (6)	161(12)	6.85 (5)	.31(11)
13.CLEAARFIELD	22,670	154(22)	6.79(26)	35(24)	1.54(28)	.23(26)
14.ST GEORGE	19,800	378(15)	19.09(10)	101(15)	5.10(12)	.27(22)
15.BRIGHAM C	16,150	93(27)	5.76(29)	25(26)	1.55(27)	.27(23)
16.TOOELE	15,760	102(26)	6.47(27)	19(27)	1.21(29)	.19(30)
17.AMER FORK	15,270	274(16)	17.94(13)	81(17)	5.30(11)	.30(13)
18.SPRINGVILLE	13,300	230(19)	17.29(14)	61(19)	4.59(14)	.27(24)
19.PL GROVE	13,200	699 (6)	52.95 (1)	215 (7)	16.29 (2)	.31(12)
20.CEDAR CITY	12,380	181(21)	14.62(15)	54(21)	4.36(16)	.30(14)
21.KAYSVILLE	12.370	230(20)	18.59(12)	66(18)	5.34(10)	.29(18)
22.SO. S.L	12,340	269(17)	21.80 (5)	61(20)	4.94(13)	.23(27)
23.SO. OGDEN	12,240	263(18)	21.49 (7)	83(16)	6.78 (6)	.32 (7)
24.MIDVALE	11,390	520(11)	45.65 (4)	165(11)	14.49 (4)	.32 (8)
25.SO JORDAN	11,030	69(28)	6.26(28)	19(28)	1.72(26)	.28(20)
26.SP. FORK	10,910	148(25)	13.57(18)	50(22)	4.58(15)	.34 (5)
27.CENTERVILLE	10,740	151(23)	13.97(17)	30(25)	2.79(23)	.20(29)
28.NO. OGDEN	10,660	150(24)	14.07(16)	43(23)	4.03(19)	.29(19)
29.PAYSON	9,530	69(29)	7.24(25)	19(29)	1.99(25)	.28(21)
30.RIVERTON	9,470	23(30)	2.43(30)	5(30)	.53(30)	.22(28)
HIGHEST CITIES			PL GROVE MURRAY SALT LAKE MIDVALE SO S.L.	MURRAY PL GROVE SALT LAKE MIDVALE ROY		W VALLEY SALT LAKE LAYTON MURRAY SP FORK

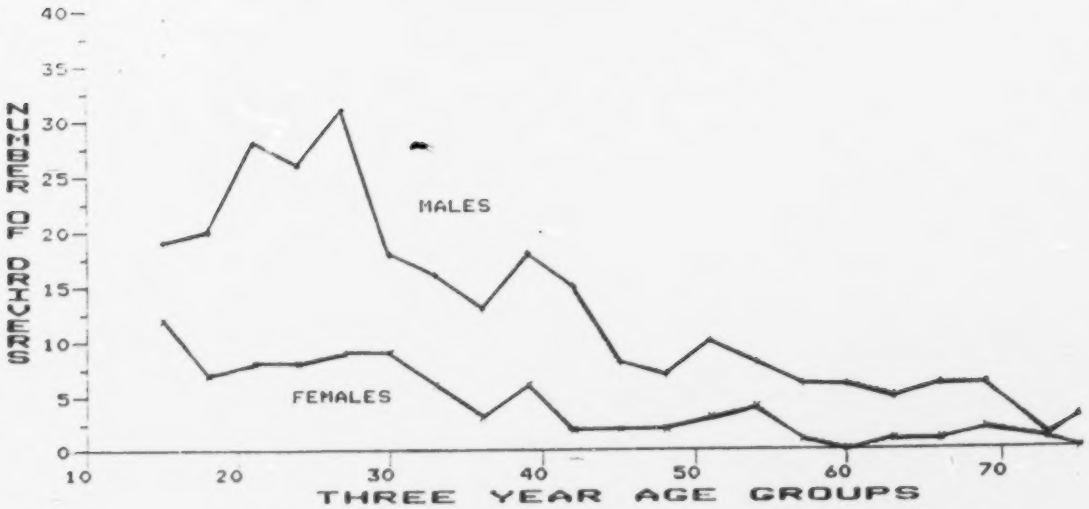


AGE OF DRIVERS

AGE GROUP	TOTAL	FATAL	INJURY	PROPERTY DAMAGE
UNKNOWN	157	1	29	127
15 & YOUNGER	225	3	104	118
16	3449	7	1075	2367
17	3942	22	1351	2569
18	3857	18	1299	2540
19	2921	13	978	1930
20 - 24	11901	60	3901	7940
25 - 34	18513	104	6008	12401
35 - 44	11847	64	3691	8092
45 - 54	6434	40	1987	4407
55 - 64	4246	24	1315	2907
65 - 74	2968	20	991	1957
75 & OLDER	1724	13	564	1147
NOT STATED	4767	4	768	3995
TOTAL	76951	393	24061	52497

THE 15 - 24 YEAR OLD AGE GROUP HAD 34% OF THE TOTAL CRASHES IN 1988

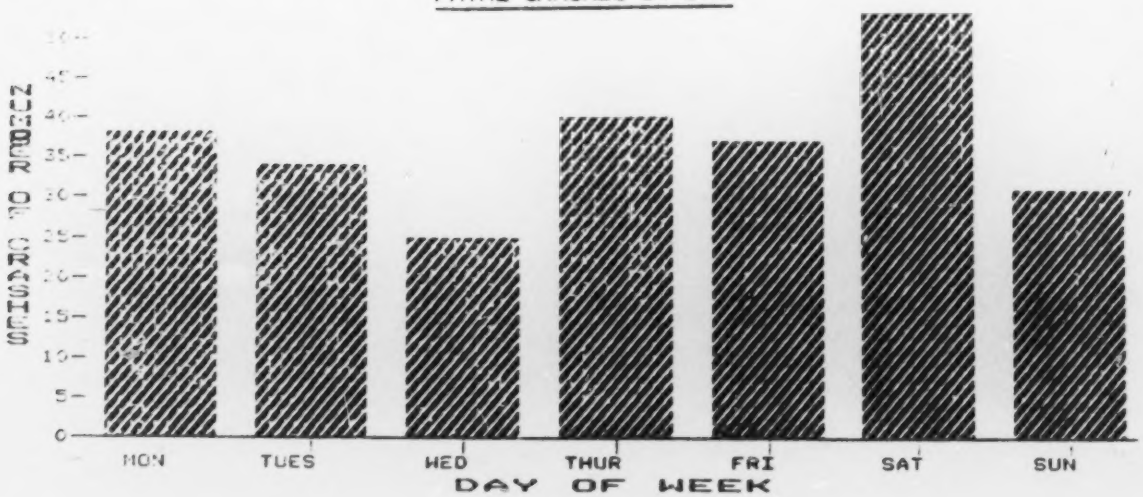
DRIVER AGE AND SEX IN FATAL CRASHES



	MALE		FEMALE	
15 - 17	19	5.0%	12	3.2%
18 - 20	31	8.2%	7	1.8%
21 - 23	28	7.4%	8	2.1%
24 - 26	26	6.8%	8	2.1%
27 - 29	31	8.2%	9	2.4%
30 - 32	18	4.7%	9	2.4%
33 - 35	16	4.2%	6	1.6%
36 - 38	13	3.4%	3	.8%
39 - 41	18	4.7%	6	1.6%
42 - 44	15	3.9%	2	0.5%
45 - 47	8	2.1%	2	0.5%
48 - 65	42	11.1%	11	2.9%
OVER 65	22	5.8%	8	2.1%
UNKNOWN AGE AND SEX	2	0.5%		
TOTAL	289	76.0%	91	24.0%

IN 1988 FATAL CRASHES, 28% OF THE DRIVERS WERE UNDER 24 YEARS OF AGE. 21% OF THE DRIVERS INVOLVED IN 1988 FATAL CRASHES WERE UNDER AGE 24 AND MALE.

FATAL CRASHES BY DAY



FATAL CRASHES BY DAY

	1985 TOTAL	%	1986 TOTAL	%	1987 TOTAL	%	1988 TOTAL	%
MONDAY	47	17.4	36	13.0	36	13.4	38	14.7
TUESDAY	36	13.3	32	11.6	23	8.4	34	13.2
WEDNESDAY	39	14.5	37	13.4	44	16.2	25	9.7
THURSDAY	27	10.0	35	12.7	29	10.7	40	15.5
FRIDAY	40	14.8	35	12.7	48	17.7	37	14.4
SATURDAY	50	18.5	63	22.8	54	19.9	53	20.5
SUNDAY	31	11.5	38	13.8	37	13.7	31	12.0

FATAL CRASHES BY TIME OF DAY

	1985 TOTAL	%	1986 TOTAL	%	1987 TOTAL	%	1988 TOTAL	%
MIDNIGHT-3:59AM	33	12.2	31	11.2	42	15.5	29	11.3
4:00AM - 7:59AM	31	11.5	25	9.1	31	11.5	30	11.6
8:00AM - 11:59AM	35	13.0	44	15.9	23	8.5	31	12.0
NOON - 3:59PM	47	17.4	54	19.6	56	20.6	48	18.6
4:00PM - 7:59PM	69	25.5	61	22.1	75	27.7	58	22.5
8:00PM-MIDNIGHT	55	20.4	59	21.4	44	16.2	62	24.0

DURING 1988, SATURDAY WAS THE MOST HEAVILY REPRESENTED DAY OF THE WEEK WITH 20% OF ALL FATAL CRASHES. THE HIGHEST TIME PERIOD FOR FATAL CRASHES IN 1988, WAS 8:00 PM TO MIDNIGHT WITH 24% OF ALL FATAL CRASHES OCCURRING DURING THAT TIME PERIOD.

FATAL ACCIDENTS BY DAY AND TIME

TIME	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
MIDNIGHT	2	1	2	0	1	1	4
1AM	3	0	0	2	1	1	1
2AM	3	0	0	0	2	1	1
3AM	0	0	0	0	0	1	2
4AM	2	1	0	0	0	0	2
5AM	1	1	1	0	0	0	1
6AM	1	1	3	0	2	0	0
7AM	0	3	3	1	4	3	0
8AM	1	2	0	1	0	2	2
9AM	0	1	0	1	1	1	1
10AM	0	1	1	1	4	3	1
11AM	0	1	3	1	0	0	2
NOON	0	1	2	3	1	0	3
1PM	2	2	0	2	4	1	5
2PM	0	1	2	0	2	0	0
3PM	4	1	5	2	1	1	3
4PM	2	1	1	3	2	0	3
5PM	1	4	0	1	2	1	3
6PM	2	2	2	2	6	4	1
7PM	2	1	2	1	2	4	3
8PM	1	4	1	0	1	4	2
9PM	2	4	2	0	3	3	7
10PM	1	4	3	1	0	4	4
11PM	1	1	1	3	1	2	2
TOTAL	31	38	34	25	40	37	53

FRIDAY AND MONDAY EVENINGS FOLLOWED BY SATURDAY LATE NIGHT ARE THE HIGHEST FATAL ACCIDENT PERIODS

INJURY ACCIDENTS BY DAY AND TIME

TIME	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
MIDNIGHT	66	18	11	18	25	30	66
1AM	58	19	14	14	17	34	86
2AM	50	14	10	12	14	19	57
3AM	34	7	5	8	12	15	32
4AM	20	6	8	12	16	16	26
5AM	19	18	16	15	18	15	22
6AM	18	39	42	32	45	37	28
7AM	19	101	84	105	131	91	37
8AM	28	116	103	95	107	71	57
9AM	32	91	79	59	59	71	64
10AM	37	95	80	85	80	65	96
11AM	54	117	100	106	96	96	126
NOON	62	144	122	95	113	131	155
1PM	56	128	112	115	96	121	125
2PM	72	124	130	128	99	167	126
3PM	73	165	158	132	152	205	137
4PM	86	260	177	196	171	232	144
5PM	76	178	208	199	171	244	143
6PM	90	128	125	127	132	175	141
7PM	57	90	90	98	108	114	114
8PM	72	62	69	72	78	94	97
9PM	46	63	79	66	85	104	92
10PM	31	45	52	52	62	88	62
11PM	28	29	29	35	37	110	55
TOTAL	1184	2057	1903	1876	1924	2345	2088

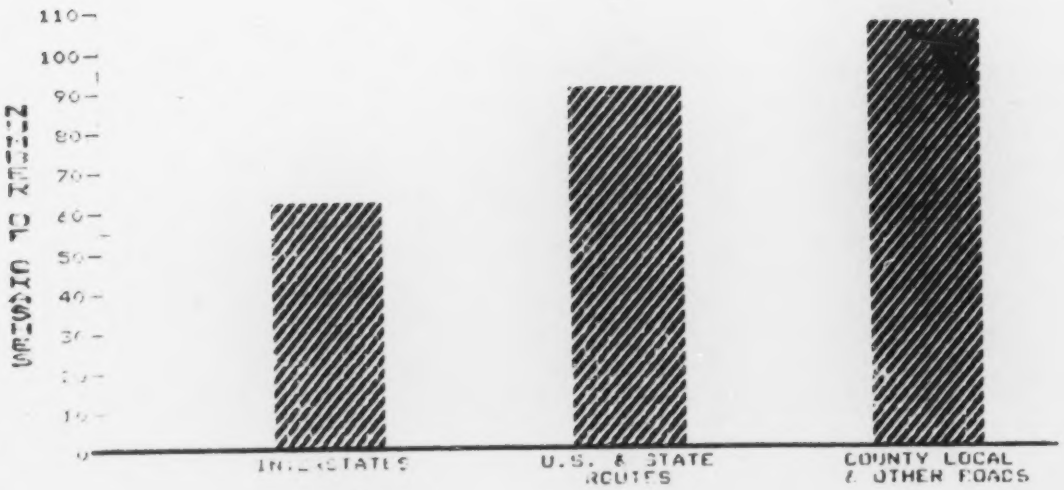
FRIDAY AFTERNOON FOLOWED BY MONDAY AFTERNOON ARE THE TIMES OF HIGHEST INJURY ACCIDENTS

PROPERTY DAMAGE ACCIDENTS BY DAY AND TIME

TIME	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
MIDNIGHT	177	90	97	96	109	139	196
1AM	149	45	40	29	54	64	127
2AM	81	22	33	31	26	31	87
3AM	50	14	17	22	21	29	64
4AM	58	23	20	18	28	25	47
5AM	44	50	52	56	41	45	47
6AM	61	148	103	132	134	118	63
7AM	61	335	313	281	337	257	99
8AM	68	315	236	269	278	266	137
9AM	117	270	213	193	197	236	184
10AM	118	295	239	229	213	280	288
11AM	136	379	290	315	284	308	309
NOON	177	397	317	371	326	365	331
1PM	151	384	288	304	285	348	315
2PM	167	437	326	328	299	403	283
3PM	172	412	400	420	354	438	290
4PM	202	480	462	463	446	554	365
5PM	215	509	478	511	479	567	368
6PM	209	314	315	322	333	408	366
7PM	162	247	234	288	248	325	323
8PM	152	150	182	197	187	237	243
9PM	129	165	176	192	188	264	234
10PM	106	116	152	125	123	225	194
11PM	76	91	74	116	101	234	205
UNKNOWN DAY AND TIME			102				
TOTAL	3037	5688	5057	5308	5091	6166	5165

PROPERTY DAMAGE ACCIDENTS OCCUR MOST FREQUENTLY FRIDAY AFTERNOON AND MONDAY AFTERNOON

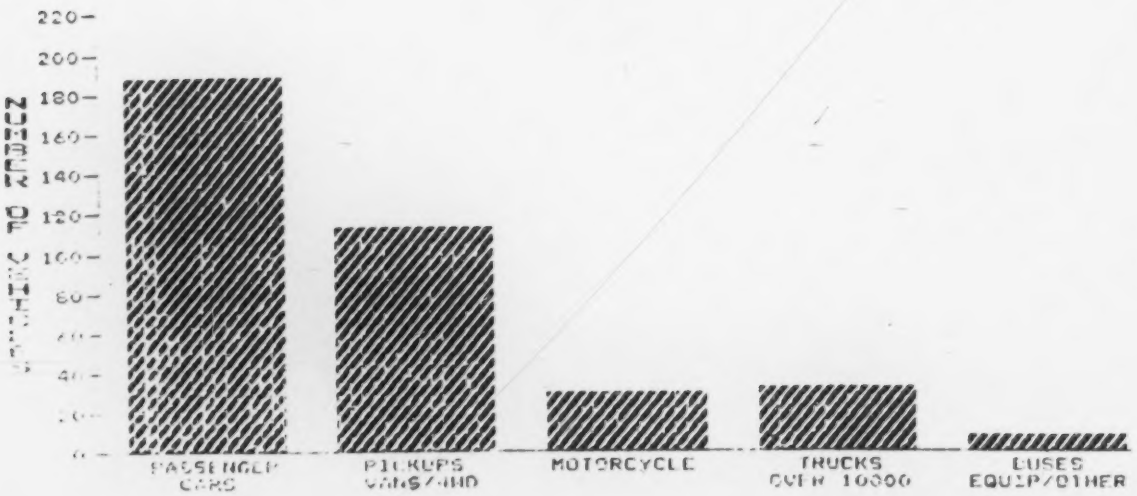
FATAL CRASHES BY CLASS OF TRAFFICWAY



	INTERSTATE TOTAL	%	OTHER U.S.& STATE ROUTES TOTAL	%	COUNTY, LOCAL & OTHER TOTAL	%	TOTAL FATAL CRASHES
1985	54	20.0	123	45.6	93	34.4	270
1986	53	19.2	101	36.6	122	44.2	276
1987	52	19.2	76	28.0	143	52.8	271
1988	62	24.0	90	34.9	106	41.1	258

IN 1988 24% OF ALL FATAL CRASHES OCCURRED ON THE INTERSTATE SYSTEM, 35% ON OTHER U.S. AND STATE ROUTES, AND 41% OCCURRED ON THE LOCAL AND COUNTY TRAFFICWAYS.

VEHICLE TYPES INVOLVED IN FATAL CRASHES



YEAR	PASSENGER CARS TOTAL	%	PICKUPS VANS AND 4WD VEH TOTAL	%	MOTOR-CYCLES TOTAL	%	TRUCKS OVER 10,000 GVW TOTAL	%	BUSES, EQUIPMENT AND OTHER VEHICLES TOTAL	%	TOTAL VEHICLES
1985	218	51.9	116	27.6	38	9.1	35	8.3	13	3.1	420
1986	216	54.0	109	27.2	33	8.3	31	7.8	11	2.7	400
1987	185	51.5	110	30.6	29	8.1	27	7.5	8	2.2	359
1988	188	50.7	113	30.4	30	8.1	32	8.6	8	2.2	371

THERE WAS A 15% INCREASE IN HEAVY TRUCK INVOLVEMENT IN 1988 CRASHES. ALL OTHER CATEGORIES STAYED AT ABOUT THE SAME PROPORTION AS IN 1987

TYPE OF ACCIDENT — CLASSIFICATION OF ACCIDENTS

	TOTAL ACCIDENTS	FATAL	INJURY	PROPERTY DAMAGE
PEDESTRIAN	1002	41	668	293
OTHER MOTOR VEHICLE	34569	84	8655	25830
RAILROAD TRAIN	47	5	15	27
ANIMAL	2917	2	153	2762
FIXED OBJECT	2503	9	503	1991
BICYCLE	804	6	630	168
OTHER OBJECT	464	2	67	395
OVERTURNED	476	10	241	225
RAN OFF ROAD	5282	94	2114	3074
OTHER NON COLLISION	1095	5	307	783
NOT STATED	90	0	24	66
TOTAL ACCIDENTS	49249	258	13377	35614

INVESTIGATING AGENCY

URBAN ACCIDENTS	TOTAL ACCIDENTS	FATAL	INJURY	PROPERTY DAMAGE
NOT STATED	19	1	6	12
HIGHWAY PATROL	3919	32	1237	2650
CITY POLICE	17467	56	5782	11629
SHERIFF	5021	13	1742	3266
OTHER	105	0	25	80
TOTAL ACCIDENTS	26531	102	8792	17637
RURAL ACCIDENTS				
NOT STATED	1			1
HIGHWAY PATROL	5591	109	1663	3819
CITY POLICE	2847	11	793	2043
SHERIFF	1604	17	381	1206
OTHER	40	0	10	29
TOTAL ACCIDENTS	10082	137	2847	7098
URBAN/RURAL NOT STATED				
NOT STATED	38	0	9	29
HIGHWAY PATROL	423	5	147	271
CITY POLICE	3768	5	899	2864
SHERIFF	1651	9	431	1211
OTHER	15	0	3	12
TOTAL ACCIDENTS	5895	19	1489	4387
PRIVATE PROPERTY	6740	0	248	6492

LIGHT CONDITIONS	TOTAL	FATAL	INJURY	PROPERTY DAMAGE
DAYLIGHT	33574	139	9270	24165
DAWN OR DUSK	2422	12	593	1817
DARK ROAD LIGHTED	6037	34	1808	4195
DARK ROAD UNLIGHTED	6631	73	1622	4936
NOT STATED	585	0	84	501
TOTAL ACCIDENTS	49249	258	13377	35614
WEATHER CONDITIONS				
CLEAR OR CLOUDY	40782	238	11399	29145
RAIN	2118	5	618	1495
SNOW	4707	9	957	3741
FOG	446	1	119	326
DUST OR WIND STORM	149	0	38	111
MIST/SLEET	158	0	54	104
NOT STATED	889	5	192	692
TOTAL ACCIDENTS	49249	258	13377	35614
ROAD CONDITIONS				
DRY	36972	231	10626	26115
WET	4984	14	1384	3586
MUDDY SLIPPERY	64	0	13	51
SNOWY SLIPPERY	3355	4	594	2757
ICY	3494	9	706	2779
OILY	33	0	12	21
NOT STATED	349	0	42	305
TOTAL ACCIDENTS	49249	258	13377	35614
ROAD CHARACTER				
STRAIGHT LEVEL	34339	137	9248	24954
STRAIGHT GRADE	7676	31	2036	5609
STRAIGHT HILLCREST	931	5	251	675
CURVE LEVEL	2417	38	798	1581
CURVE GRADE	3009	43	886	2080
CURVE HILLCREST	289	2	84	203
DIP	140	2	37	101
NOT STATED	448	0	37	411
TOTAL ACCIDENTS	49249	258	13377	35614

FROM 70% TO 80% OF ALL ACCIDENTS OCCUR IN DAYLIGHT, WITH CLEAR OR CLOUDY WEATHER, ON DRY, STRAIGHT, LEVEL ROADS.

TRAFFIC CONTROL	TOTAL ACCIDENTS	FATAL	INJURY	PROPERTY DAMAGE
OFFICER OR WATCHMAN	187	0	59	128
FLAGMAN	157	0	45	112
TRAFFIC SIGNAL	7595	22	2857	4716
TRAFFIC SIGNAL FLASHING	204	1	74	129
STOP SIGN	5197	13	1684	2500
YIELD SIGN	421	1	143	277
RR GATES OR SIGNAL	63	4	20	39
OTHER	11009	109	3421	7479
NO CONTROL PRESENT	23410	108	4960	18342
NOT STATED	1006	0	114	892
TOTAL ACCIDENTS	49249	258	13377	35614

KIND OF LOCALITY				
MANUFACTURING	2541	8	625	1908
SHOPPING OR BUSINESS	18704	44	4992	13668
RESIDENTIAL DISTRICT	13880	43	3912	9925
SCHOOL OR PLAYGROUND	1961	4	349	1608
FARMS AND FIELDS	3565	39	992	2534
OPEN COUNTRY	8234	116	2440	5678
NOT STATED	195	1	31	163
OTHER	169	3	36	130
TOTAL ACCIDENTS	49249	258	13377	35614

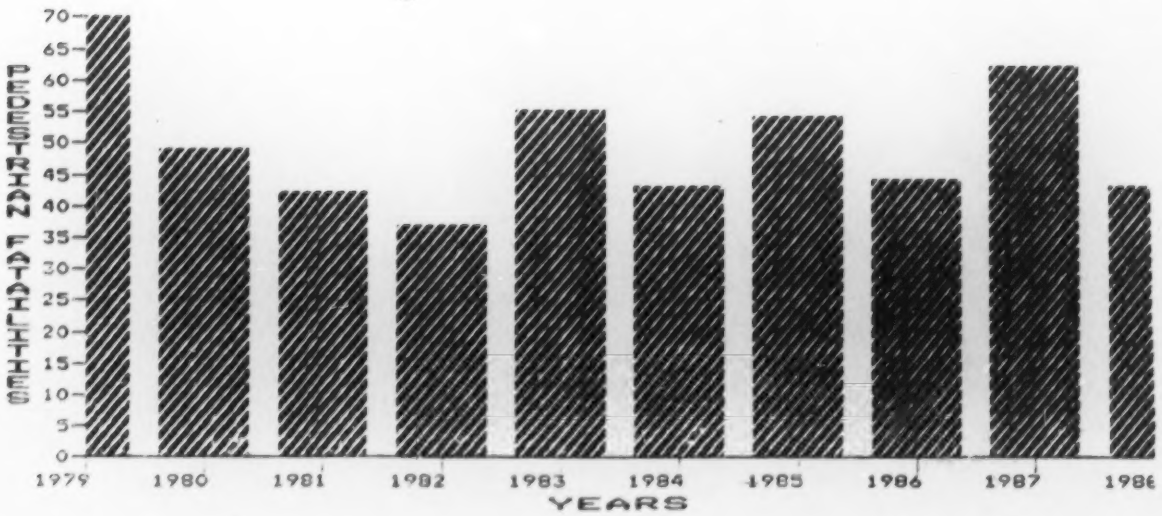
TYPE OF MOTOR VEHICLE				
PASSENGER CAR	50816	191	16162	34463
PICKUPS	20649	123	5867	14659
TRUCK AND TRAILER	2433	36	655	1742
BUS	170	2	50	118
SCHOOL BUS	124	1	33	90
FARM TRACTOR	28	0	10	18
MOTORCYCLE	1041	27	863	151
MOPEDS	21	4	17	0
OTHER	483	7	271	205
TOTAL VEHICLES	75765	391	23928	51446

THE MOST COMMON ACCIDENT IS IN A SHOPPING OR BUSINESS AREA WHERE THERE ARE NO TRAFFIC CONTROLS AN IS WITH A PASSENGER CAR

CONTRIBUTING CIRCUMSTANCES	TOTAL	FATAL	INJURY	PROPERTY DAMAGE
SPEED TOO FAST	7946	77	2604	5265
FAILURE TO YIELD RIGHT OF WAY	7877	36	2789	5052
DROVE LEFT OF CENTER	1028	24	394	610
IMPROPER OVERTAKING	1020	1	275	744
PASSED STOP SIGN	736	5	342	389
DISREGARD TRAFFIC SIGNAL	1637	6	765	866
FOLLOWING TOO CLOSELY	3490	3	1123	2364
IMPROPER TURN	2357	12	605	1740
HAD BEEN DRINKING	1939	61	1024	854
UNDER THE INFLUENCE OF DRUGS	122	1	46	75
EYESIGHT DEFECTIVE UNCORRECTED	55	1	14	40
ASLEEP	639	13	350	276
FATIGUED	235	8	99	128
ILL	122	2	70	50
IMPROPER PARKING	384	0	63	321
IMPROPER LOOKOUT	12138	34	3652	8452
IMPROPER OR NO SIGNAL	166	0	30	136
OTHER IMPROPER DRIVING	3754	34	1107	2613
BRAKES DEFECTIVE	423	2	146	275
HEADLIGHTS DEFECTIVE	107	2	44	61
HEADLIGHTS GLARING	44	0	20	24
OTHER LIGHTS DEFECTIVE	105	0	31	74
STEERING MECHANISM DEFECTIVE	64	0	25	39
TIRES DEFECTIVE	269	1	102	166
WINDSHIELD NOT CLEAR	111	1	40	70
OTHER DEFECTIVE CONDITION	562	4	133	425
HIT AND RUN	1808	7	374	1427
FIRE	164	1	15	148
TOTAL	49302	336	16282	32684

THE MOST COMMON CIRCUMSTANCES WERE IMPROPER LOOKOUT, SPEEDING AND FAILURE TO YIELD

PEDESTRIAN FATALITIES



1988 PEDESTRIAN ACCIDENT SUMMARY

	TOTAL	PERCENT
IN SALT LAKE COUNTY	21	51.2
IN WEBER, DAVIS AND UTAH COUNTIES	11	26.8
BETWEEN 5:00PM - 6:59PM	5	12.2
IN URBAN AREAS	21	51.2
ON ROADWAY	35	85.3
NOT PHYSICALLY DIVIDED ROAD	26	63.4
ON ROADWAY WITH POSTED SPEED 40MPH OR LESS	22	53.7
NO TRAFFIC CONTROLS	33	80.5
DARK	22	53.7
CLEAR WEATHER	41	100.0
HIT AND RUN	4	9.8
TOTAL ACCIDENTS	41	

1988 PEDESTRIAN/BICYCLISTS FATAL ACCIDENTS

DRIVER SUMMARY

	TOTAL	PERCENT
UTAH DRIVERS	43	87.8
TRAVELING 40 MPH OR LESS	16	32.7
SPEEDING	3	6.1
DRINKING	5	10.2
TOTAL DRIVERS	49	

PEDESTRIANS KILLED

	TOTAL	PERCENT
AGE 4 OR UNDER	4	9.3
AGE 5 - 12	7	16.3
AGE 13 - 15	3	7.0
AGE 16 - 18	1	2.3
AGE 19 - 25	1	2.3
AGE 26 - 60	19	44.2
AGE OVER 60	8	18.6
MALE	34	79.0
IN A CROSSWALK	3	7.0
NOT IN A CROSSWALK NOR AT INTERSECTION	24	55.8
DRINKING	3	7.0
RAN INTO ROADWAY	10	23.3
CROSSING IMPROPERLY	12	28.0

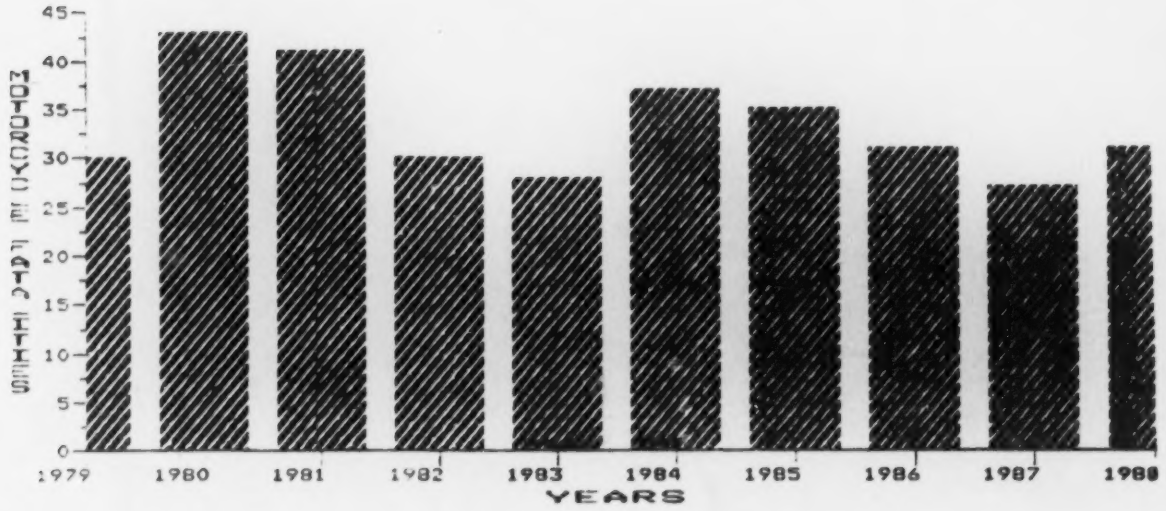
THERE WERE 43 PEDESTRIANS KILLED IN 1988 AS COMPARED TO 63 IN 1987. THE PEDESTRIAN MOST OFTEN CONTRIBUTED TO THE ACCIDENT BY CROSSING IMPROPERLY WHEN VISIBILITY IS LOW DUE TO DARKNESS. 7% OF THE PEDESTRIANS KILLED HAD BEEN DRINKING. THERE WERE 6 BICYCLISTS KILLED IN 1988 AS COMPARED TO 9 IN 1987.

PEDESTRIANS INJURED BY AGE

CONTRIBUTING CIRCUMSTANCES	TOTAL	0-4	5-15	16-24	25-44	45-64	65+
CROSSING WITH SIGNAL	84	0	23	25	24	9	3
CROSSING AGAINST SIGNAL	77	1	40	19	13	3	1
CROSSING NO SIGNAL	129	6	56	30	18	14	5
CROSSING DIAGONALLY	14	0	10	2	1	1	0
CROSSING NOT AT INTERESCTION	195	20	108	32	21	9	5
WALKING IN ROAD WITH TRAFFIC	17	1	7	5	4	0	0
WALKING IN ROAD AGAINST TRAFFIC	11	0	2	3	4	2	0
LYING IN ROAD	4	0	0	4	0	0	0
STANDING IN ROAD	32	1	7	5	11	6	2
GETTING ON OR OFF VEHICLE	14	2	5	2	4	1	0
PUSHING OR WORKING IN ROAD	20	0	0	7	6	6	1
OTHER IN ROAD	110	6	55	33	12	1	3
PLAYING IN ROAD	45	11	33	1	0	0	0
COMING FROM BEHIND PARKED CAR	43	8	26	3	6	0	0
NOT IN ROADWAY	39	0	9	16	9	4	1
HITCHING ON VEHICLE	8	1	6	1	0	0	0
NOT STATED	540	23	260	142	86	15	14
TOTAL	1382	80	647	330	219	71	35

CROSSING NOT AT AN INTERSECTION (JAYWALKING) WAS THE MOST COMMON CIRCUMSTANCE. THOSE AGE 5 - 15 ACCOUNTED FOR 47% OF PEDESTRIAN INJURIES IN 1988

MOTORCYCLE FATALITIES



1988 MOTORCYCLE ACCIDENT SUMMARY

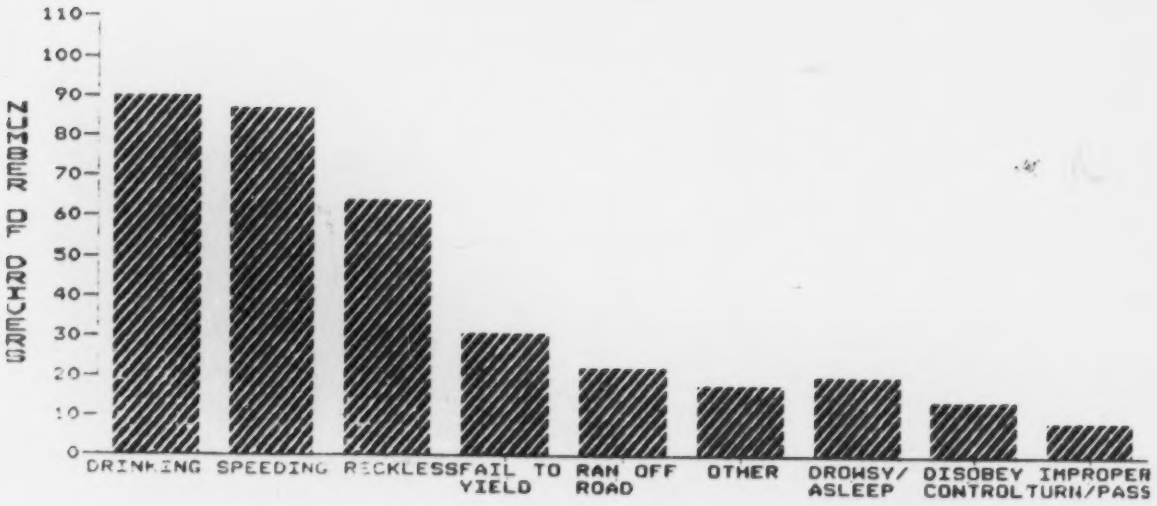
	TOTAL	PERCENT
IN SALT LAKE COUNTY	9	32.1
IN WEBER, DAVIS AND UTAH COUNTIES	9	32.1
BETWEEN 5:00PM AND MIDNIGHT	21	75.0
IN URBAN AREAS	12	42.9
COLLISION WITH ANOTHER VEHICLE	17	60.7
CLEAR WEATHER	28	100.0
TOTAL ACCIDENTS	28	

MOTORCYCLISTS KILLED

	TOTAL	PERCENT
DRIVERS KILLED	25	80.6
UNDER 25 YEARS OF AGE	13	41.9
MALE	24	77.4
NO HELMET	23	74.2
DRINKING	14	45.2
PASSENGERS KILLED	6	19.4
NO HELMET	6	19.4
TOTAL DRIVERS & PASSENGERS KILLED	31	

93% OF THE MOTORCYCLE DRIVERS INVOLVED IN 1988 FATAL MOTORCYCLE ACCIDENTS WERE KILLED AND 75% OF THE PASSENGERS INVOLVED WERE KILLED. ONLY TWO OF THOSE KILLED WERE WEARING HELMETS.

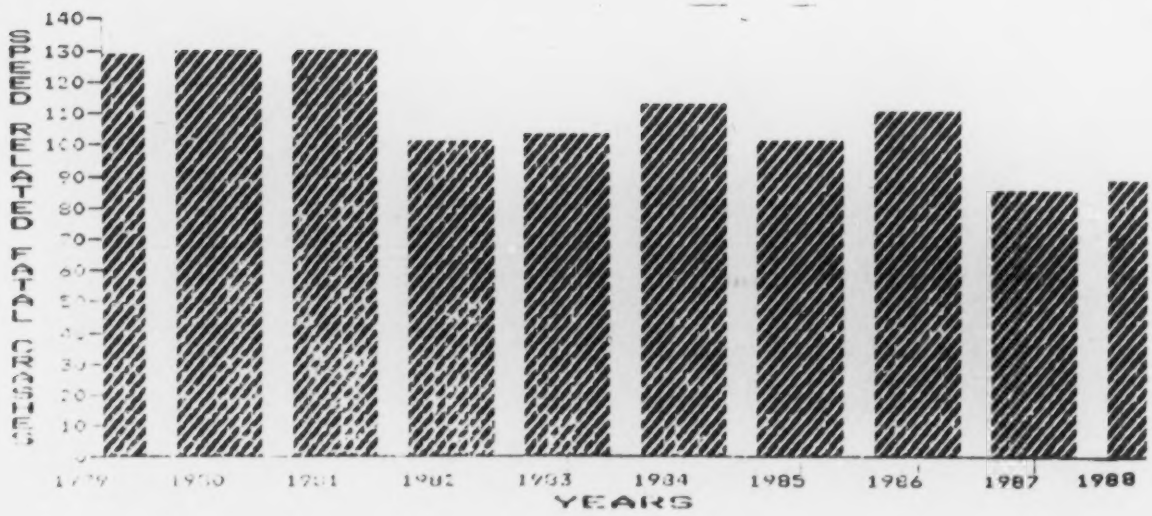
CONTRIBUTING FACTORS IN 1988 FATAL CRASHES



	TOTAL
DROWSY/ASLEEP	20
DRINKING	90
SPEEDING	87
FAILURE TO YIELD	31
FAILURE TO OBEY TRAFFIC CONTROLS	14
IMPROPER PASSING	2
RECKLESS DRIVING	64
RAN OFF ROAD	22
IMPROPER TURN	7
OTHER	21

IN 1988 DRINKING WAS THE LEADING CONTRIBUTING CIRCUMSTANCE OF FATAL CRASHES. SPEEDING IS NOTED AS A CONTRIBUTING FACTOR FOR 23% OF THE DRIVERS. 24% OF THE DRIVERS HAD BEEN DRINKING SOME ACCIDENTS HAD MORE THAN ONE CONTRIBUTING FACTOR.

1988 FATAL ACCIDENTS
DRIVER CONTRIBUTING FACTORS
SPEEDING



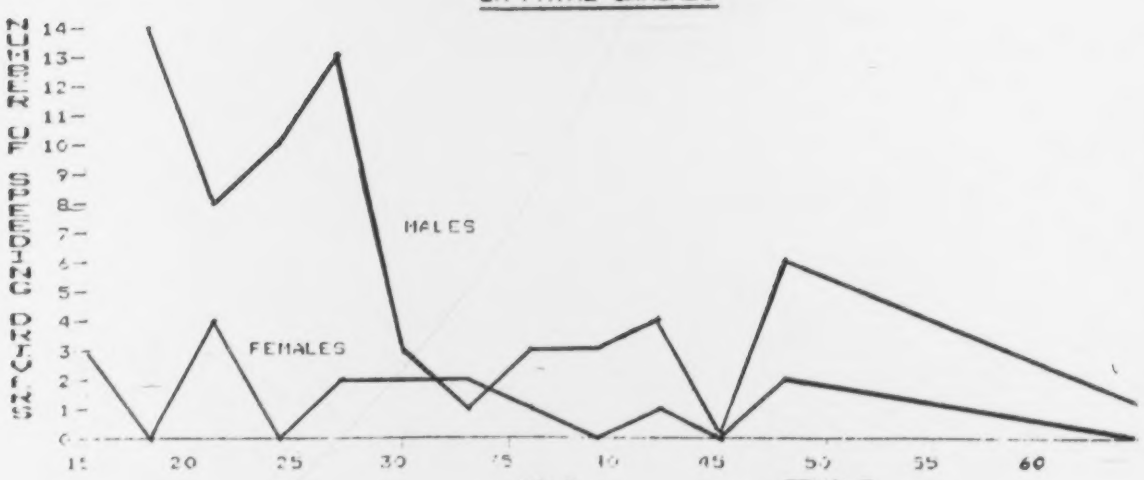
SPEEDING ACCIDENT SUMMARY 1988

	TOTAL	PERCENT
IN RURAL AREAS	69	93.2
COLLISION WITH ANOTHER VEHICLE	19	25.7
OVERTURN	40	54.1
ON DRY ROADS	50	67.6
CLEAR WEATHER	45	60.8
TOTAL ACCIDENTS	74	

DRIVERS KILLED IN SPEED RELATED ACCIDENTS 1988

	TOTAL	PERCENT
DRIVERS KILLED	65	74.7
MALE	50	57.4
UNDER 25 YEARS OF AGE	26	29.9
NO RESTRAINT USE	62	71.3

SPEEDING DRIVERS AGE AND SEX IN FATAL CRASHES



	MALE		FEMALE	
	TOTAL	%	TOTAL	%
15 - 17	4	4.6	3	3.5
18 - 20	14	16.0	0	0.0
21 - 23	8	9.2	4	4.6
24 - 26	10	11.5	0	0.0
27 - 29	13	15.0	2	2.3
30 - 32	3	3.5	2	2.3
33 - 35	1	1.1	2	2.3
36 - 38	3	3.5	1	1.1
39 - 41	3	3.5	0	0.0
42 - 44	4	4.6	1	1.1
45 - 47	0	0.0	0	0.0
48 - 65	6	6.9	2	2.3
OVER 65	1	1.1	0	0.0
TOTAL	70	80.5	17	19.5

SPEEDING DRIVER SUMMARY

	TOTAL	PERCENT
NO RESTRAINTS USED	84	96.5
UTAH DRIVERS	55	63.2
SPEEDS OVER 55	58	66.6
PREVIOUS ACCIDENTS	8	9.2
PREVIOUS SUSPENSIONS	22	25.3
PREVIOUS DUI'S	14	16.1
PREVIOUS SPEED	25	28.7
PREVIOUS OTHER HARMFUL	22	25.3
TOTAL DRIVERS	87	

IN 1988 FATAL CRASHES, 37% OF THE SPEEDING DRIVERS WERE FROM OUT OF STATE. 38% OF THE DRIVERS WHO CONTRIBUTED BY SPEEDING WERE UNDER 24 YEARS OF AGE AND 80% WERE MALE. 54% OF THE FATAL CRASHES INVOLVING EXCESSIVE SPEED RESULTED IN OVERTURNS.

ALCOHOL RELATED FATAL ACCIDENTS

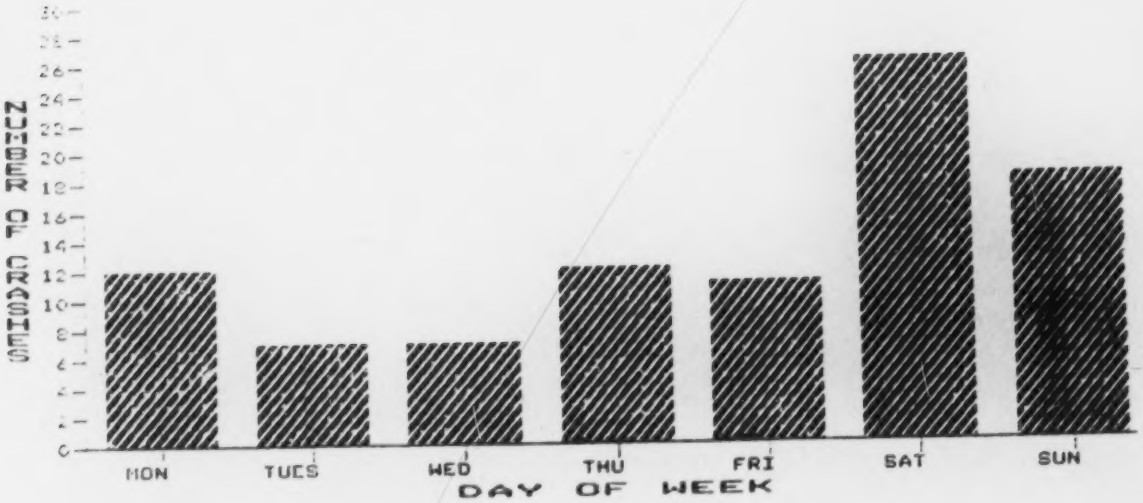
	1985	1986	1987	1988
TOTAL FATAL CRASHES	270	276	271	258
TOTAL FATALITIES	303	312	297	297
TOTAL ALCOHOL FATAL CRASHES	95	90	79	93
TOTAL ALCOHOL RELATED FATALITIES	110	104	82	105
% ALCOHOL OUT OF TOTAL FATALITIES	36.3	33.3	27.6	35.3
TOTAL PEOPLE KILLED	110	104	82	105
TOTAL DRIVERS KILLED	60	58	48	68
TOTAL PASSENGERS KILLED	28	30	18	27
TOTAL PEDESTRIANS KILLED	22	16	15	9
TOTAL BICYCLISTS KILLED	0	0	1	1

ALCOHOL RELATED FATAL ACCIDENTS BY MONTH

	1985		1986		1987		1988	
	TOTAL	%	TOTAL	%	TOTAL	%	TOTAL	%
JANUARY	10	10.5	0	0.0	4	5.1	5	5.4
FEBRUARY	6	6.3	7	7.8	8	10.1	3	3.2
MARCH	10	10.5	8	8.9	10	12.7	5	5.4
APRIL	10	10.5	2	2.2	8	10.1	9	9.7
MAY	10	10.5	10	11.1	5	6.3	11	11.8
JUNE	7	7.4	12	13.4	11	13.9	13	14.0
JULY	5	5.3	8	8.9	8	10.1	15	16.1
AUGUST	11	11.6	12	13.4	5	6.3	13	14.0
SEPTEMBER	5	5.3	9	9.9	10	12.7	9	9.7
OCTOBER	10	11.1	4	5.1	4	5.1	7	7.5
NOVEMBER	11	11.6	7	7.8	4	5.1	2	2.2
DECEMBER	6	6.3	5	5.5	2	2.5	1	1.0
TOTAL	95	100.0	90	100.0	79	100.0	93	100.0

IN 1988 ALCOHOL RELATED FATAL CRASHES 16% OCCURRED IN JULY AND 44% WERE IN THE SUMMER

ALCOHOL FATAL ACCIDENTS BY DAY 1988



DAY OF WEEK

	TOTAL	PERCENT
MONDAY	12	12.9
TUESDAY	7	7.5
WEDNESDAY	7	7.5
THURSDAY	12	12.9
FRIDAY	11	11.8
SATURDAY	26	28.0
SUNDAY	18	19.4

TIME OF DAY

	TOTAL	PERCENT
MIDNIGHT-3:59AM	21	22.6
4:00AM-7:59AM	7	7.5
8:00AM-11:59AM	4	4.3
NOON-3:59PM	7	7.5
4:00PM-7:59PM	20	21.5
8:00PM-11:59PM	32	34.4

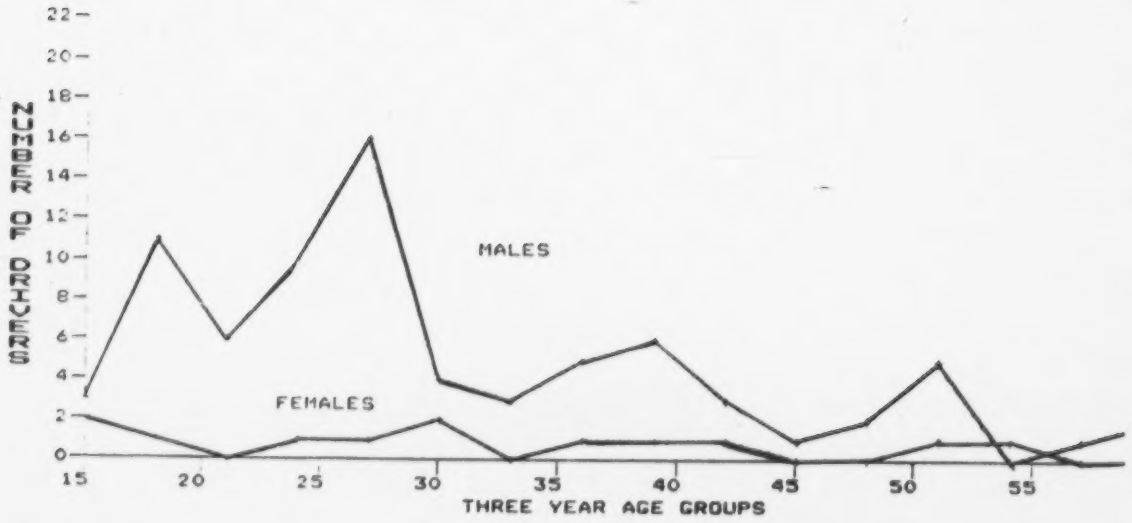
IN 1988 ALCOHOL RELATED FATAL CRASHES 57% OCCURRED BETWEEN 8P.M. AND 4A.M. AND 28% OCCURRED ON SATURDAY.

ALCOHOL RELATED FATAL ACCIDENTS BY COUNTY

	1985		1986		1987		1988	
	ACC	FATALS	ACC	FATALS	ACC	FATALS	ACC	FATALS
BEAVER	0	0	1	1	1	1	1	1
BOX ELDER	1	1	5	5	2	2	2	2
CACHE	2	2	2	2	3	3	1	1
CARBON	3	3	5	5	1	1	2	2
DAGGETT	1	1	0	0	0	0	0	0
DAVIS	6	6	3	4	1	1	3	3
DUCHESNE	3	3	4	4	3	4	4	5
EMERY	1	1	2	2	0	0	3	4
GARFIELD	0	0	1	1	0	0	0	0
GRAND	3	5	1	1	1	1	1	1
IRON	1	1	1	1	0	0	1	1
JUAB	0	0	0	0	1	1	0	0
KANE	0	0	0	0	0	0	3	3
MILLARD	3	4	0	0	0	0	0	0
MORGAN	1	1	1	1	0	0	1	2
PIUTE	0	0	0	0	0	0	0	0
RICH	0	0	0	0	0	0	1	1
SALT LAKE	37	40	31	40	32	33	34	35
SAN JUAN	4	6	4	4	2	2	0	0
SANPETE	1	1	0	0	1	1	1	2
SEVIER	2	2	3	3	1	1	1	1
SUMMIT	2	2	1	1	4	4	4	4
TOOELE	4	8	6	7	8	8	5	8
UINTAH	5	5	2	2	1	1	3	3
UTAH	4	6	3	3	7	8	7	8
WASATCH	4	5	1	1	2	2	2	4
WASHINGTON	2	2	5	7	1	1	2	2
WAYNE	0	0	0	0	0	0	0	0
WEBER	5	5	8	9	7	7	11	12
TOTAL	95	110	90	104	79	82	93	105

IN 1988, 61% OF ALL ALCOHOL RELATED FATAL CRASHES OCCURRED IN FOUR COUNTIES: SALT LAKE, UTAH, WEBER, AND TOOELE.

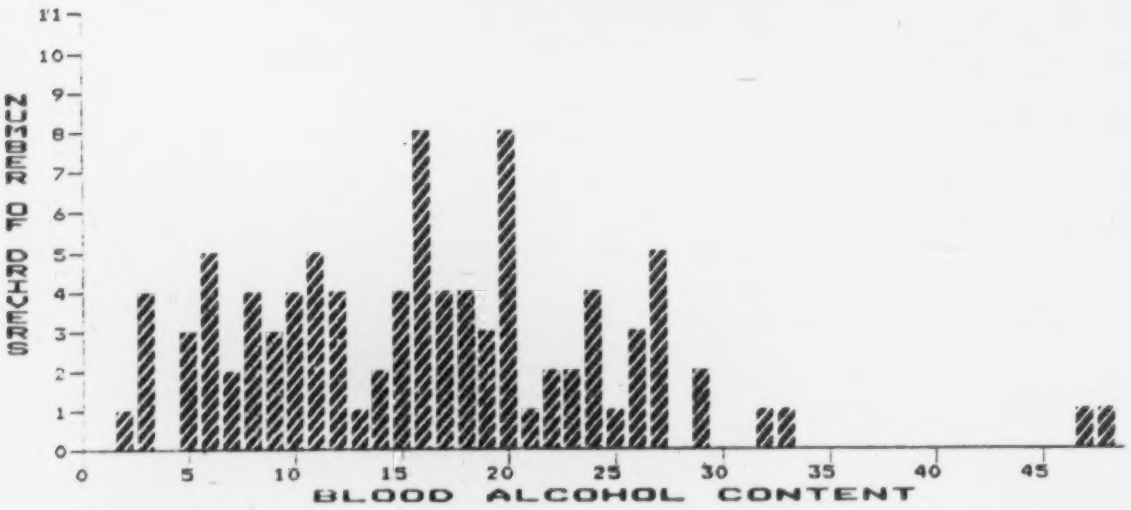
DRIVERS WHO CONTRIBUTED IN ALCOHOL RELATED FATAL CRASHES AGE AND SEX 1988



	MALE	FEMALE
15 - 17	3	2
18 - 20	11	1
21 - 23	6	0
24 - 26	10	1
27 - 29	16	1
30 - 32	4	2
33 - 35	3	0
36 - 38	5	1
39 - 41	6	1
42 - 44	3	1
45 - 47	1	0
48 - 65	9	2
OVER 65	1	0
TOTAL	78	12

IN 1988 ALCOHOL RELATED FATAL CRASHES, 15% OF THE DRIVERS WERE UNDER 21 YEARS OLD AND MALE AND 24% WERE 24 - 29 YEAR OLD MALES.

1988 DRINKING DRIVERS IN ALCOHOL RELATED FATAL CRASHES
BLOOD ALCOHOL CONTENT



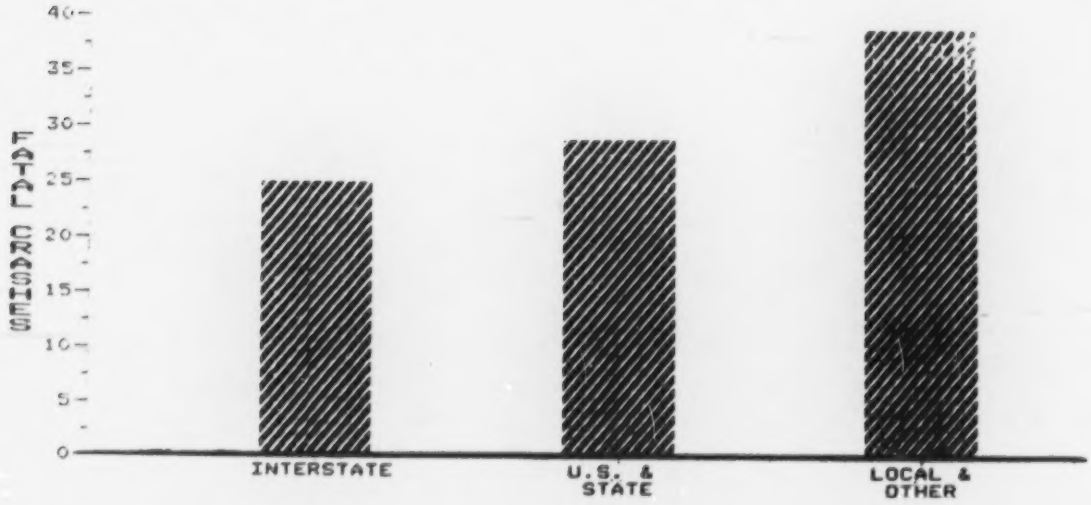
1987 AVERAGE B.A.C. .17

1988 AVERAGE B.A.C. .18

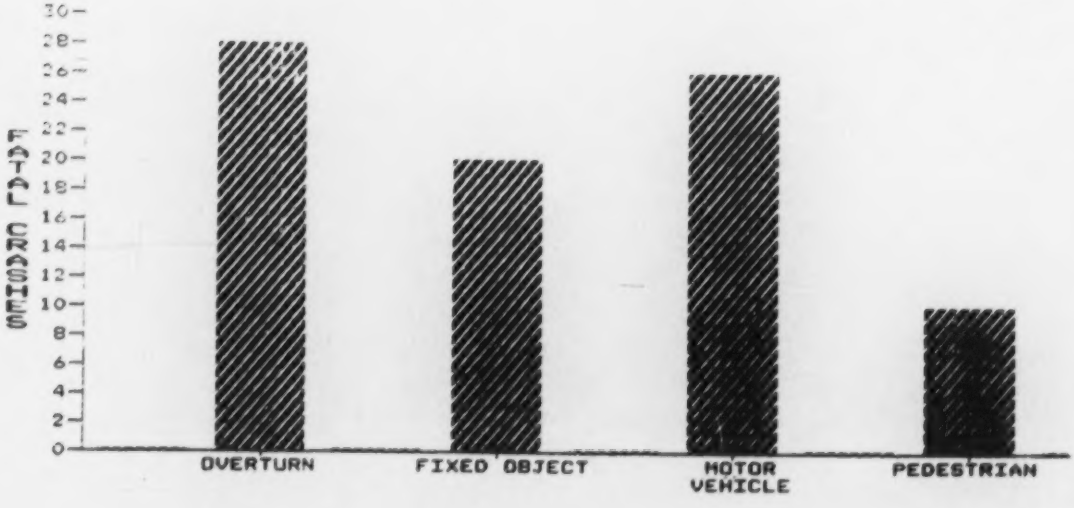
B.A.C.	TOTAL	B.A.C.	TOTAL
.02	1	.20	8
.03	4	.21	1
.04	1	.22	2
.05	3	.23	2
.06	5	.24	4
.07	2	.25	1
.08	4	.26	3
.09	3	.27	5
.10	4	.29	2
.11	5	.32	1
.12	4	.33	1
.13	1	.47	1
.14	2	.48	1
.15	4	RESULTS UNKNOWN	5
.16	8	UNKNOWN	2
.17	4		
.18	4		
.19	3		

82% OF THE DRIVERS WHO CONTRIBUTED BY DRINKING IN ALCOHOL RELATED FATAL CRASHES HAD A BLOOD ALCOHOL CONTENT OF .08 OR GREATER.

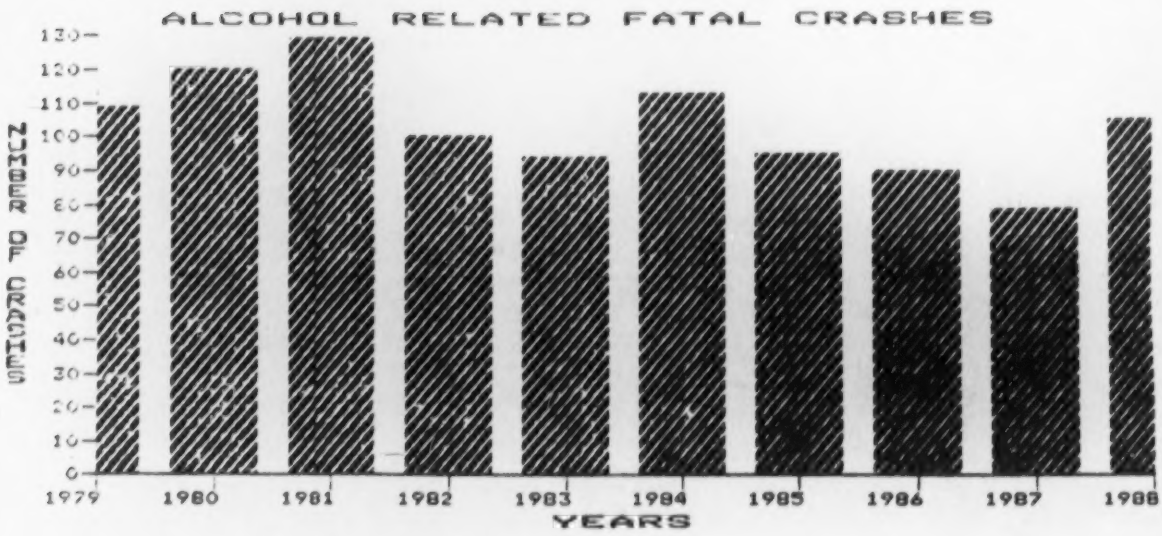
1988 ALCOHOL RELATED FATAL CRASHES BY CLASS OF TRAFFICWAY

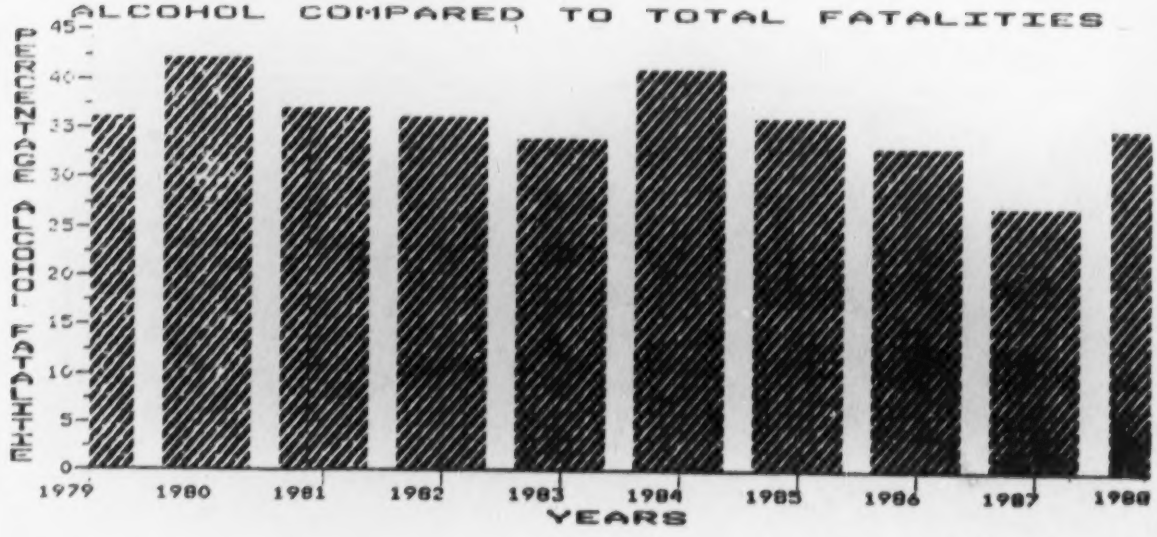


ALCOHOL RELATED FIRST HARMFUL EVENT



ALCOHOL RELATED FATAL CRASHES AND FATALITIES





THE HIGHEST YEAR FOR ALCOHOL RELATED FATALITIES SINCE 1973 WAS 1981 (151). THE YEAR WITH THE GREATEST PERCENTAGE OF ALCOHOL RELATED FATAL CRASHES SINCE 1973 WAS 1980 (42%).

OCCUPANT RESTRAINT USE

A LAW REQUIRING PARENTS AND GUARDIANS TO PUT THEIR INFANTS AND TODDLERS UNDER AGE FIVE IN APPROPRIATE RESTRAINTS WENT IN TO EFFECT JULY 1, 1984.

ON APRIL 28,1986 A NEW OCCUPANT RESTRAINT LAW WENT IN TO EFFECT. IT REQUIRES ALL FRONT SEAT OCCUPANTS TO BE USING SAFETY BELTS. VEHICLES NOT REQUIRED TO BE EQUIPPED WITH BELTS BY FEDERAL STANDARD ARE EXEMPT. PEOPLE WITH MEDICAL PROBLEMS WHICH WOULD BE AGGRAVATED BY THE USE OF SEAT BELTS DO NOT HAVE TO USE THEM IF THEY HAVE WRITTEN NOTIFICATION FROM A PHYSICIAN. ANYONE IN VIOLATION CAN BE FINED $10.00. ENFORCEMENT IS TO BE SECONDARY, THAT IS ONLY AFTER BEING STOPPED FOR ANOTHER OFFENSE.

IN 1988 THERE WERE 697 DRIVERS AND PASSENGERS INVOLVED IN FATAL CRASHES. OF THIS GROUP 530 WERE NOT WEARING SEAT BELTS AND 152 WERE WEARING SOME TYPE OF RESTRAINT. 248 DRIVERS AND PASSENGERS WERE KILLED. 29 WERE WEARING SOME KIND OF RESTRAINT. THIS DOES NOT INCLUDE MOTORCYCLE DRIVERS AND PASSENGERS. OF THIS GROUP 10 WERE CHILDREN AGES 0 - 4 AND 2 WERE IN A RESTRAINT.

AGES 0 - 4

	KILLED WITHOUT RESTRAINT	KILLED RESTRAINED	INVOLVED	RESTRAINED
1985	5	0	38	7
1986	6	0	41	6
1987	6	1	38	10
1988	10	2	41	12

1988
RESTRAINT USE BY INJURY SEVERITY

	NOT STATED	NO INJURY	C	B	A	FATAL	TOTAL
NOT STATED	11	7722	600	573	505	36	9447
LAP BELT	7	11696	931	446	240	9	13329
LAP/SHOULDER	3	38854	4042	1745	779	23	45446
NOT USED	4	26619	3296	2841	2233	166	35161
NOT INSTALLED	0	845	109	164	141	4	1263
CHILD RESTRAINT	0	1187	56	48	16	3	1310
AIR BAG	0	3	1	0	1	0	5
HELMET	0	27	17	86	75	4	209
EYE PROTECT	0	7	1	10	8	1	27
HELMET/EYE	0	14	12	49	39	2	116
TOTAL	25	86974	9067	5962	4037	248	106313

RESTRAINT USE
AGES 0 - 4

	NO INJURY	C	B	A	FATAL	TOTAL
NOT STATED	770	31	25	10	1	837
LAP BELTS	962	51	31	12	0	1056
LAP/SHOULDER	1041	58	36	15	0	1150
NOT USED	1133	148	152	97	4	1534
NOT INSTALLED	73	10	11	8	0	102
CHILD RESTRAINT	1142	52	41	12	3	1250
TOTAL	5121	350	296	154	8	5929

EJECTED OR PARTIALLY EJECTED

	NOT STATED	LAP BELT	LAP SHOULDER	NOT USED	NO BELT	CHILD SEAT	TOTAL
NO INJURY	6	8	7	15	3	0	39
INJURED	303	15	17	495	131	3	964
FATAL	22	3	4	85	4	1	119
TOTAL	331	26	28	595	138	4	1122